405792

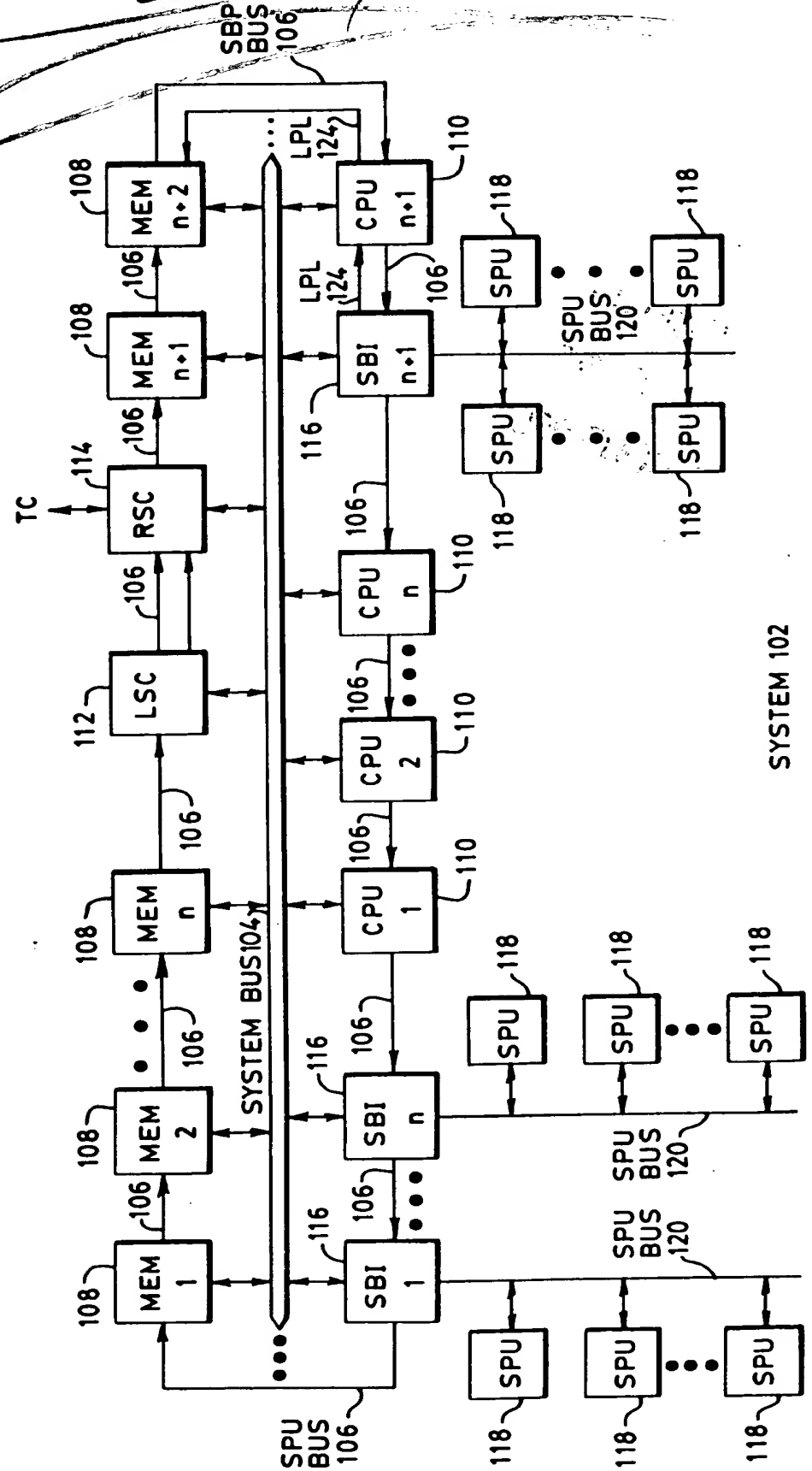


FIG. 1

13

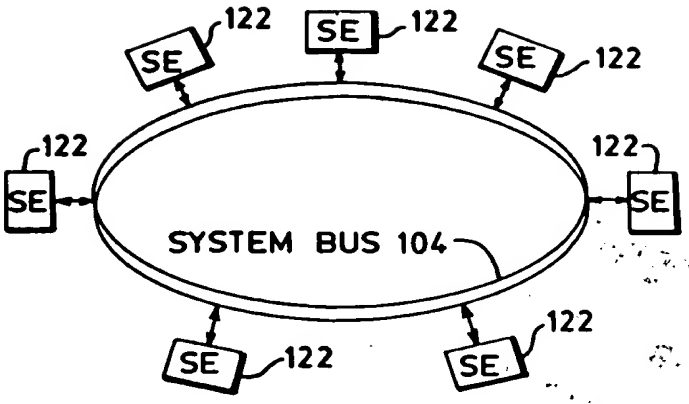


FIG. 1A

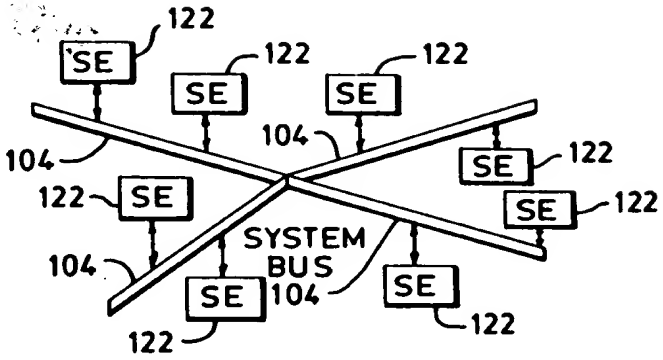


FIG. 1B

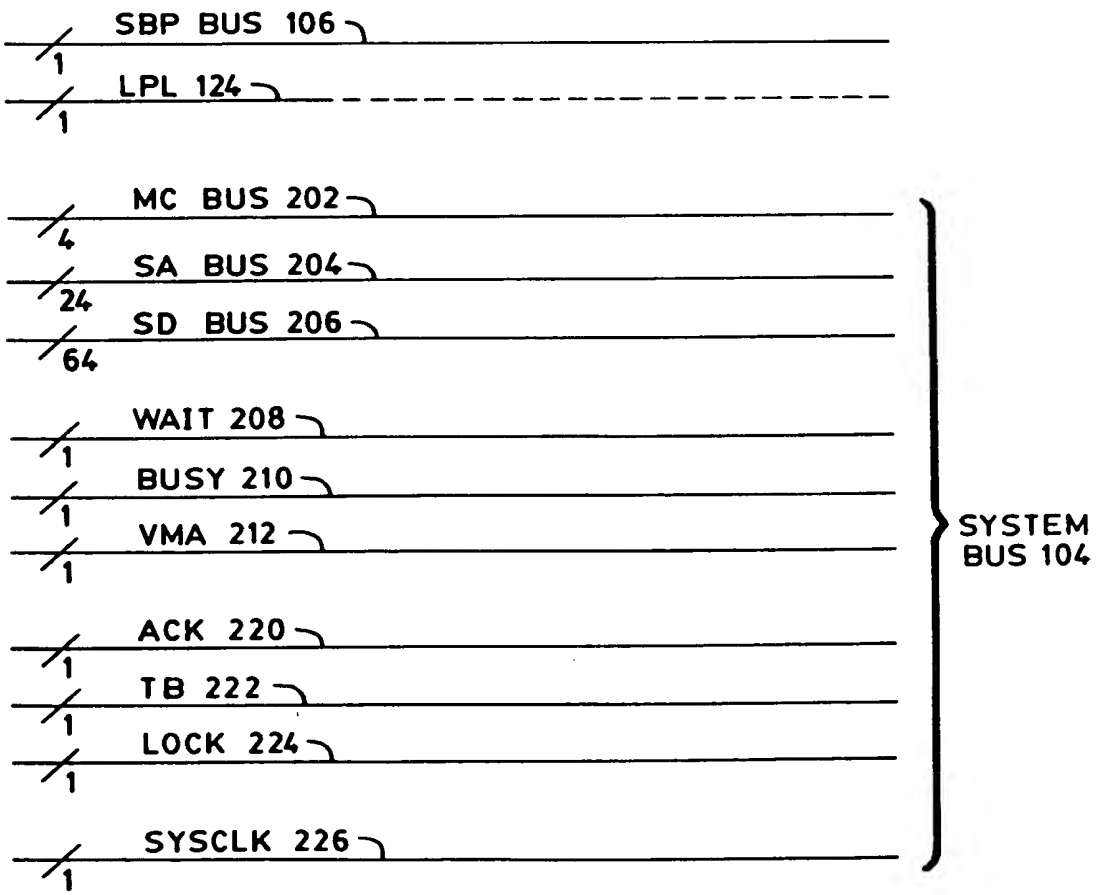


FIG. 2

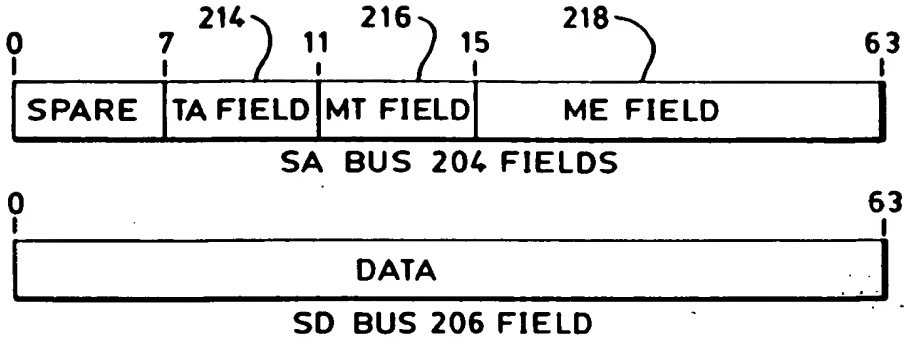

214
216
218
0
7
11
15
63
SPARE
TA FIELD
MT FIELD
ME FIELD
SA BUS 204 FIELDS
0
63
DATA
SD BUS 206 FIELD

FIG. 2A

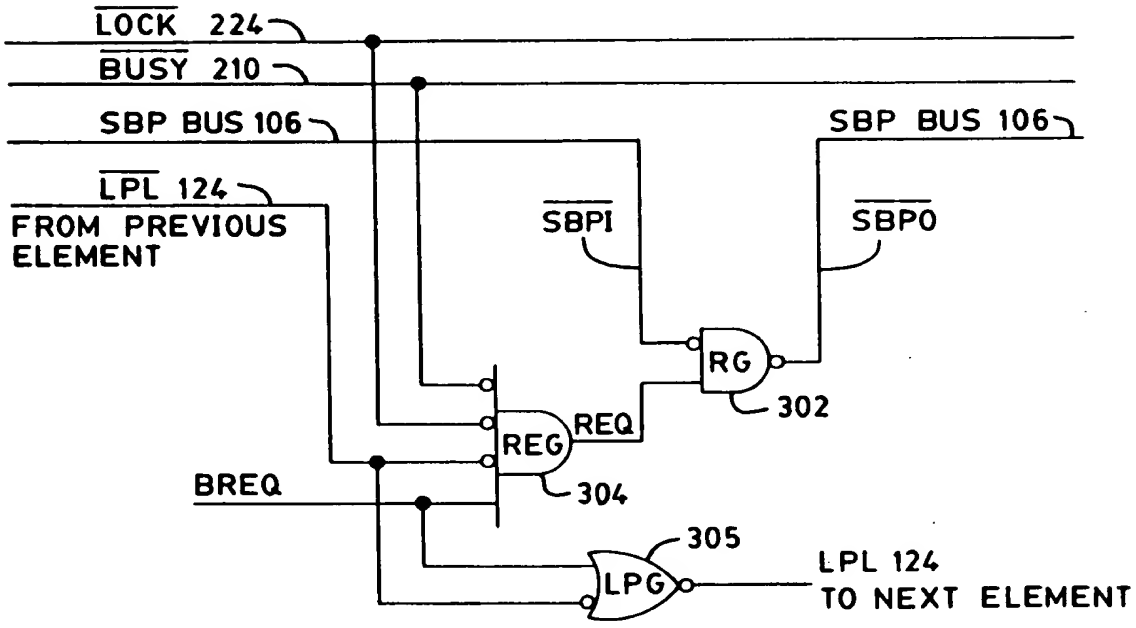

LOCK 224
BUSY 210
SBP BUS 106
LPL 124
FROM PREVIOUS ELEMENT
SBP BUS 106
SBPI
SBPO
RG
302
REQ
REG
304
BREQ
305
LPG
LPL 124
TO NEXT ELEMENT

FIG. 3A

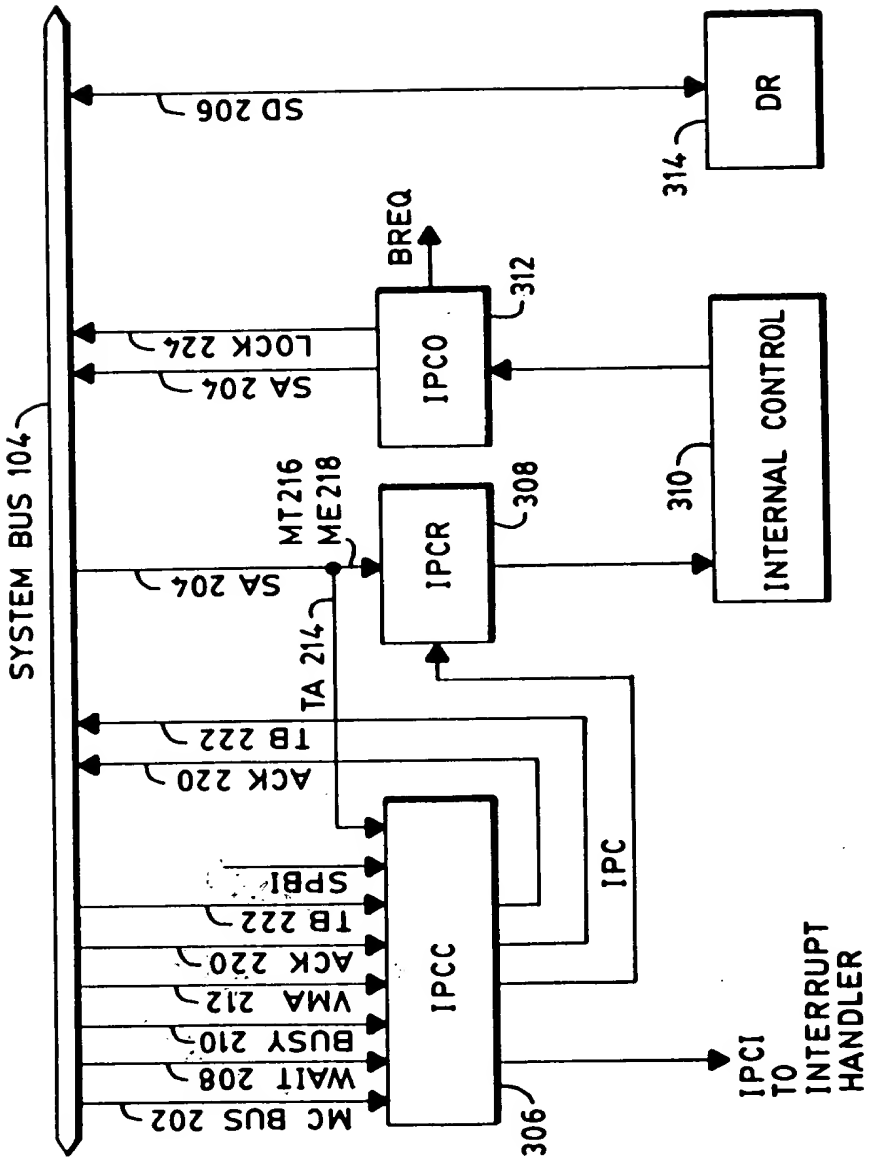


FIG. 3B

405 792

405792

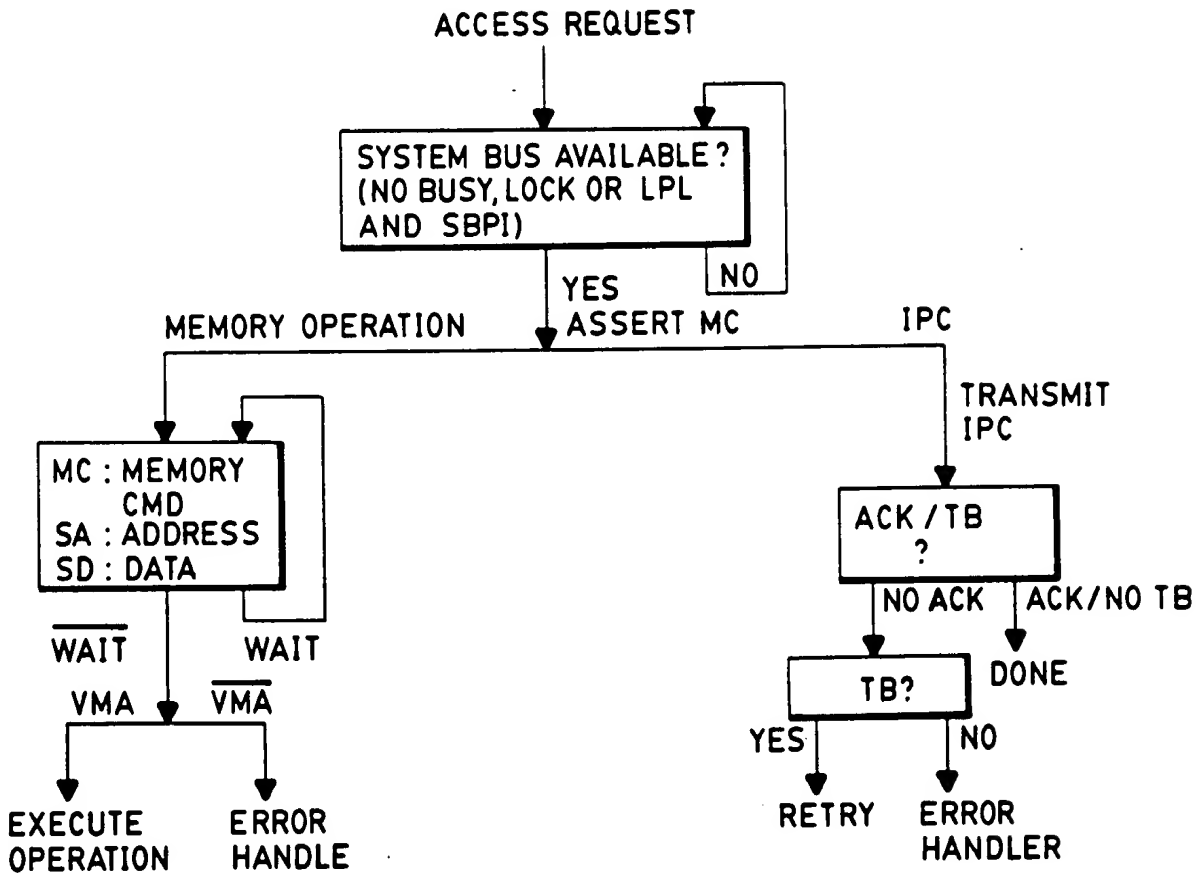


FIG. 4A

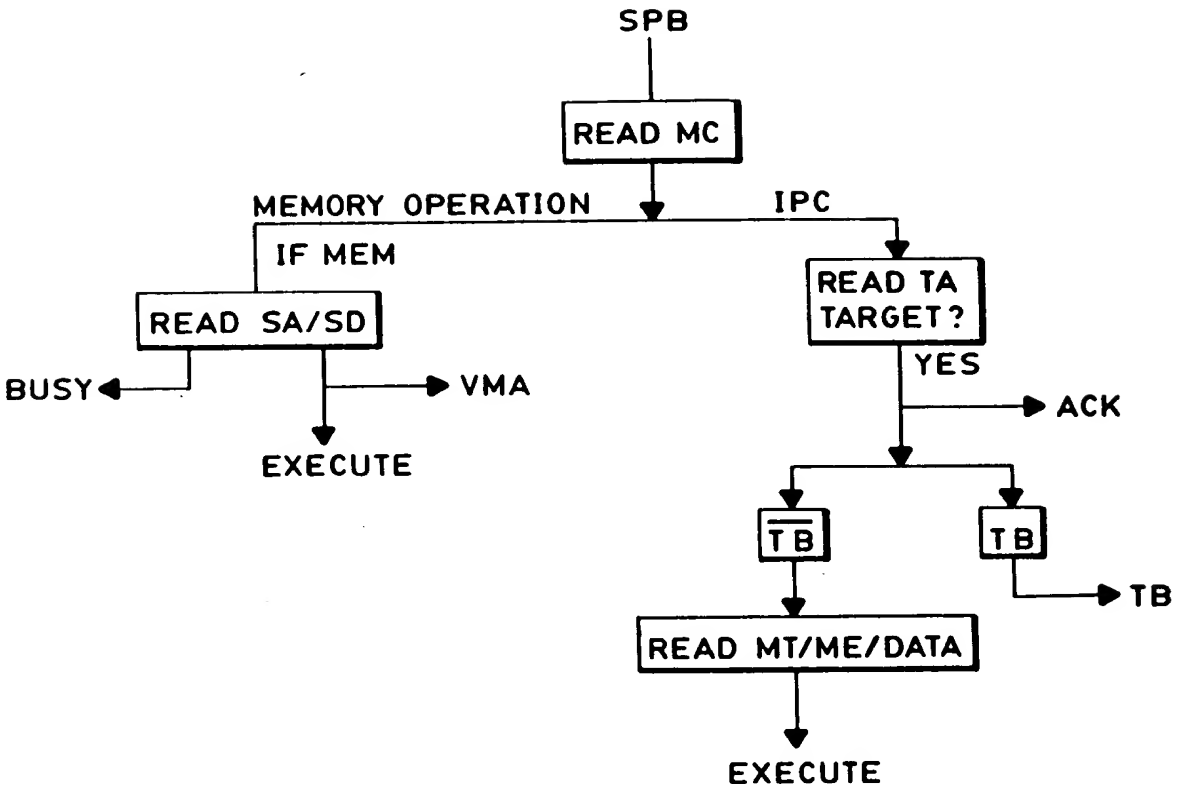
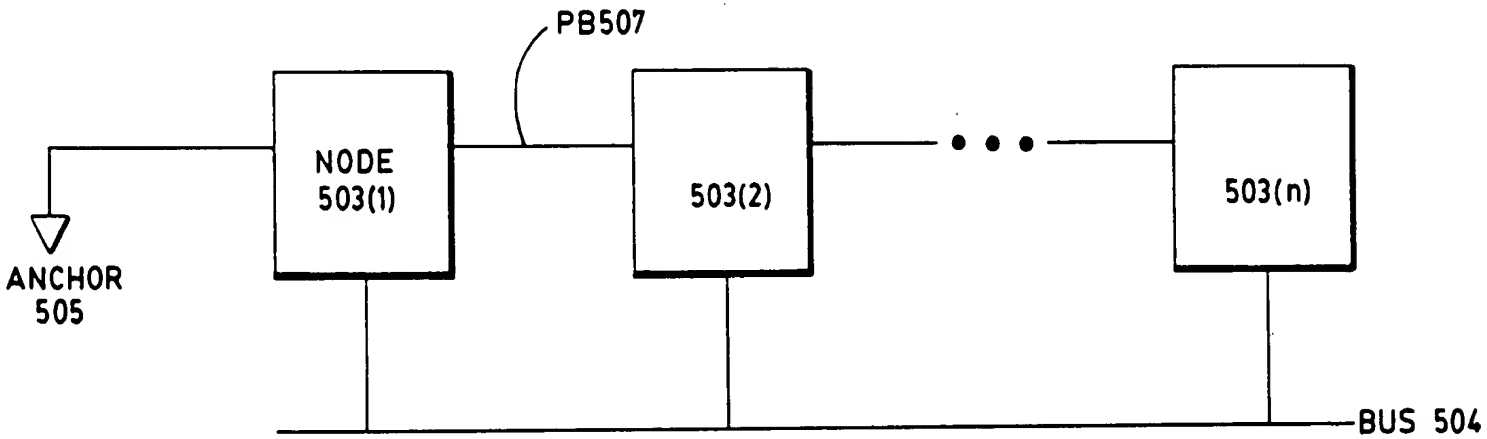

SPB
READ MC
MEMORY OPERATION
IF MEM
IPC
READ SA/SD
BUSY
VMA
EXECUTE
READ TA TARGET?
YES
ACK
$\overline{TB}$
TB
TB
READ MT/ME/DATA
EXECUTE

FIG. 4B

405792



PRIOR ART
STATIC DAISY CHAIN 501

FIG. 5

405 792

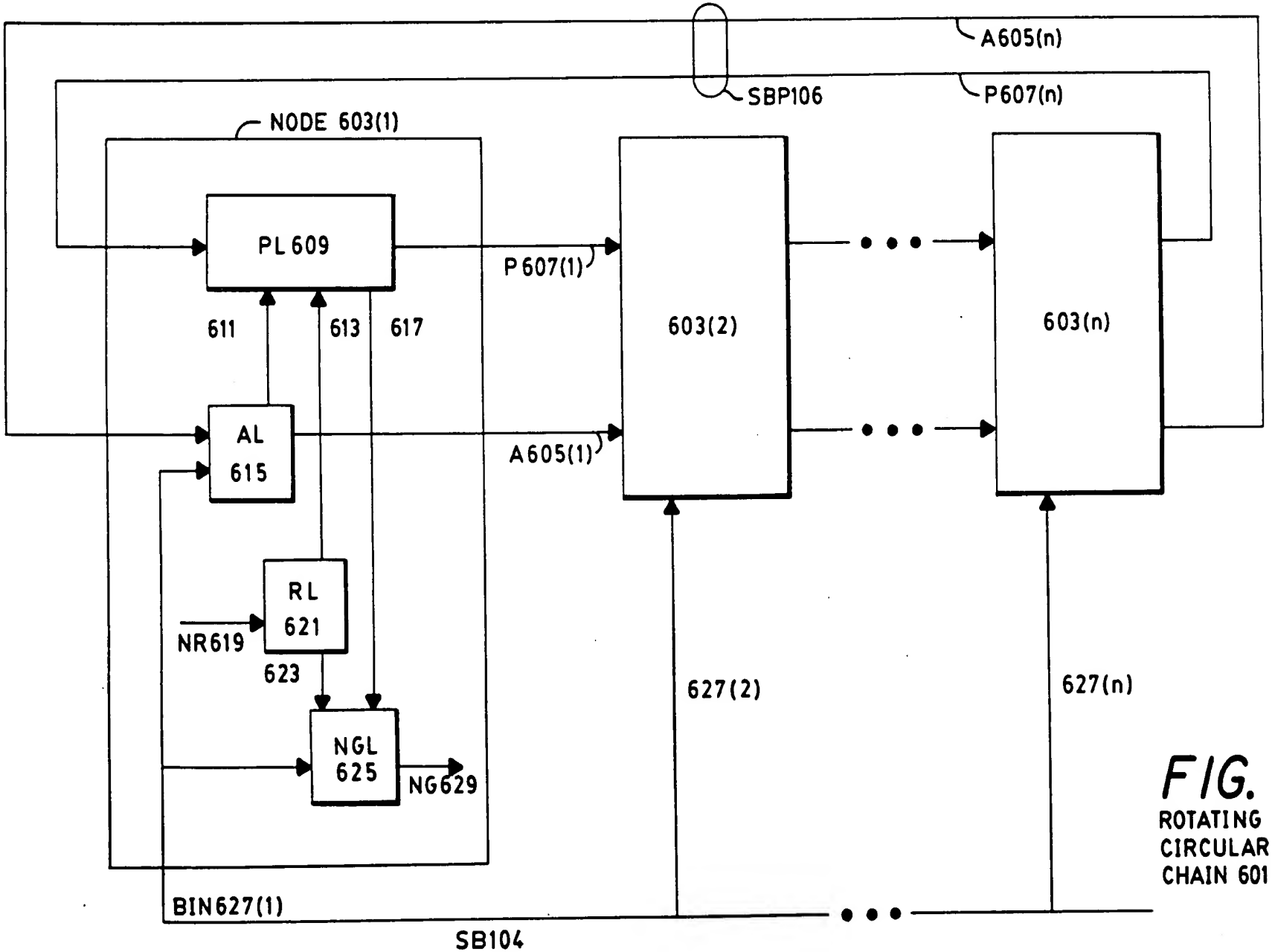


FIG. 6
ROTATING CIRCULAR CHAIN 601

405782

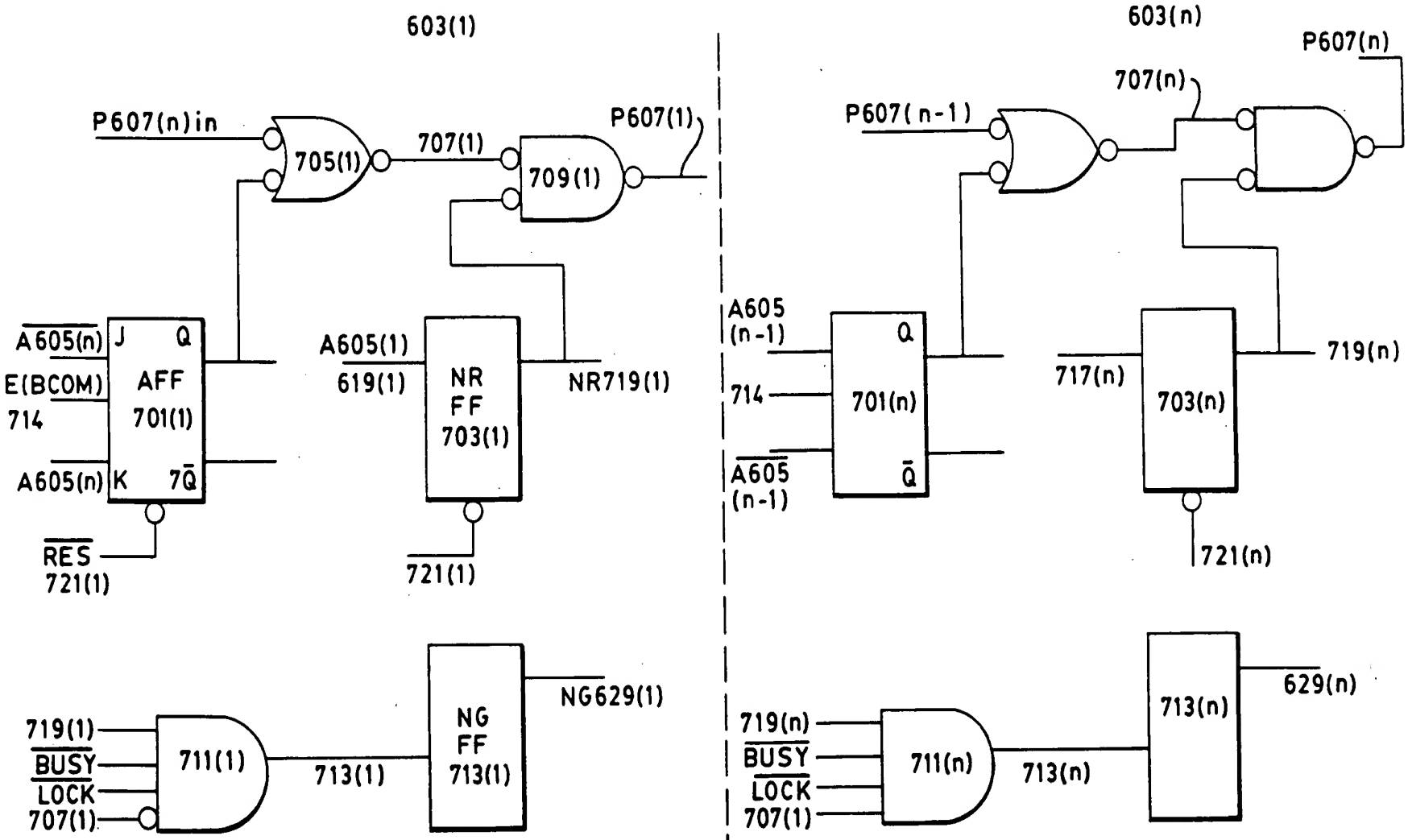


FIG. 7 NODE LOGIC FOR ROTATING CIRCULAR CHAIN 601

405 792

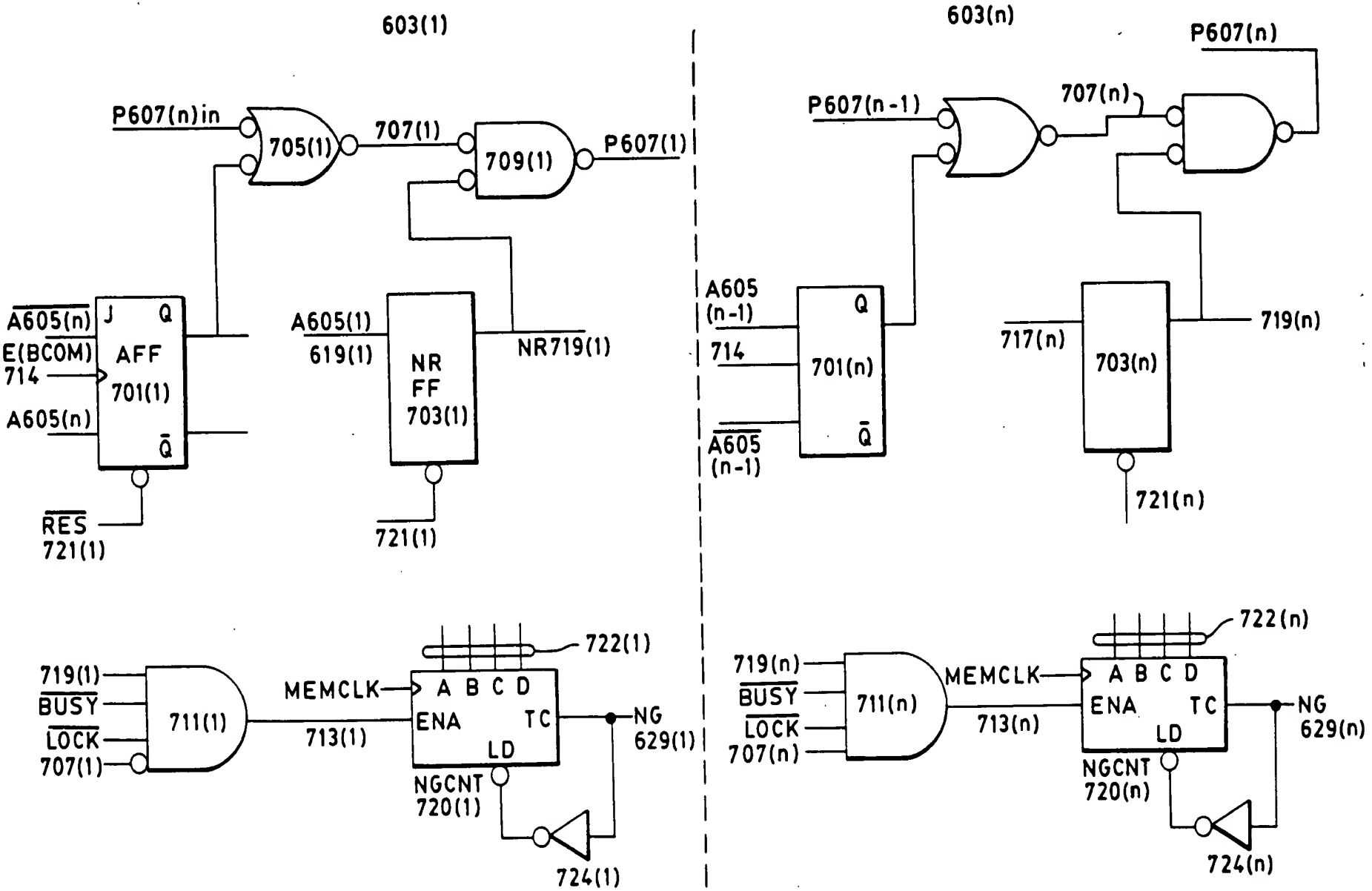


FIG. 8 NODE LOGIC FOR ROTATING CIRCULAR CHAIN 601